



Match the Roman numerals with the correct numbers.

CCCLXXX	700
DCC	1,000
CM	550
DL	380
M	900

Circle the regular polygons.

Write the value of the underlined digit.

8.582

17.13

250.306

Write the percentage as a decimal.

42 % = _____

3 % = _____

22 % = _____

10 % = _____

The code to this safe is the number which is 10,000 less than 37,049.
What is the code?

A jar contains 475 g of sugar.
How many grams of sugar are there in 9 jars?

Rosie makes cookies.
She uses 540g of butter.

Cookie recipe.

Makes 16 cookies

180g butter
200g castor sugar
2 eggs
1tsp vanilla extract
350 g chocolate chips

How many cookies did she make?

Match the Roman numerals with the correct numbers.

CCCLXXX	700
DCC	1,000
CM	550
DL	380
M	900

(Note: Lines connect CCCLXXX to 380, DCC to 700, CM to 550, DL to 900, and M to 1,000.)

Circle the regular polygons.

Write the value of the underlined digit.

8.582 **Hundredths**

17.13 **Tenths**

250.306 **Thousandths**

Write the percentage as a decimal.

42 % = 0.42

3 % = 0.03

22 % = 0.22

10 % = 0.1

The code to this safe is the number which is 10,000 less than 37,049. What is the code?

2 **7** **0** **4** **9**

A jar contains 475 g of sugar. How many grams of sugar are there in 9 jars?

4,275

			4	7	5		
	x				9		
			4	2	7	5	

Rosie makes cookies. She uses 540g of butter.

Cookie recipe. Makes 16 cookies

- 180g butter
- 200g castor sugar
- 2 eggs
- 1tsp vanilla extract
- 350 g chocolate chips

How many cookies did she make? **48**



Look at the numbers below.
List all of the factor pairs for each number.

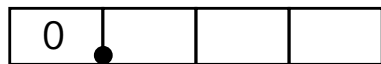
15

8

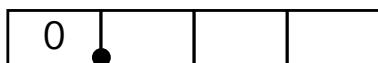
70

Write these as decimal numbers.

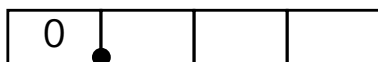
a) 3 tenths, 8 hundredths, 2 thousandths



b) 0 tenths, 59 hundredths



c) 6 tenths, 7 thousandths



Convert the following amounts.

4 l = ml

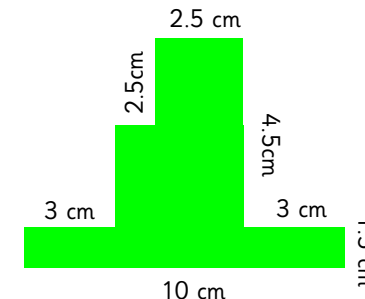
10,000 ml = l

9.5 l = ml

7,120 ml = l

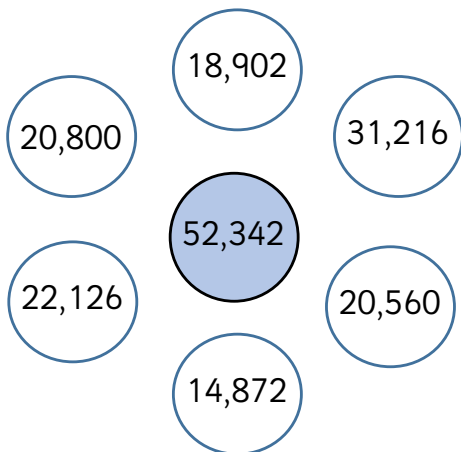
0.3 l = ml

Find the area of the shape below.



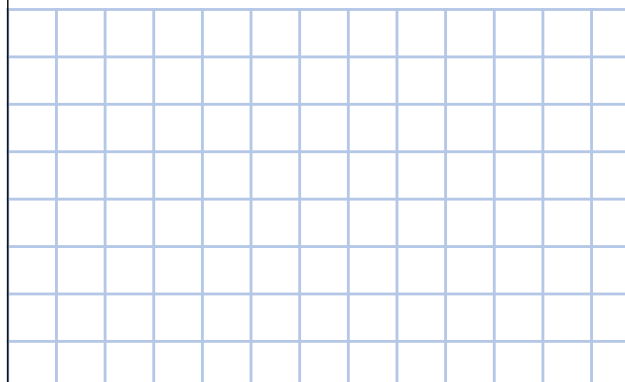
Area = cm²

Shade in two numbers which give the total in the middle.



Malachi has 17,850 ml of juice and Zach has 8,369 ml more than Malachi.

Zach has: ml



Tick the correct equivalence statements.

$5 \times 25 = 1 \times 5 + 25$

$3 \times 3 \times 9 = 9 \times 9$

$2 \times 2 \times 2 = 2 \times 2^2$

$4 \times 4 + 16 = 4^2 + 4^2$



Look at the numbers below.
List all of the factor pairs for each number.

15

1 and 15
3 and 5

8

1 and 8
2 and 4

70

1 and 70 7 and 10
2 and 35 5 and 14

Write these as decimal numbers.

- a) 3 tenths, 8 hundredths, 2 thousandths



- b) 0 tenths, 59 hundredths



- c) 6 tenths, 7 thousandths



Convert the following amounts.

4 l = 4,000 ml

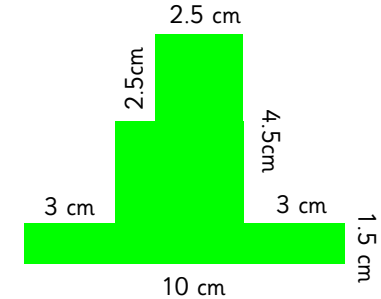
10,000 ml = 10 l

9.5 l = 9,500 ml

7,120 ml = 7.120 l

0.3 l = 300 ml

Find the area of the shape below.



Area = 29.25 cm²

Shade in two numbers which give the total in the middle.

20,800

18,902

31,216

22,126

52,342

20,560

14,872

Malachi has 17,850 ml of juice and Zach has 8,369 ml more than Malachi.

Zach has: 26,219 ml

		1	7	,	8	5	0
	+		8	,	3	6	9
		<hr/>					
		2	6	,	2	1	9
		<hr/>					
		1	1		1		

Tick the correct equivalence statements.

$5 \times 25 = 1 \times 5 + 25$

$3 \times 3 \times 9 = 9 \times 9$

$2 \times 2 \times 2 = 2 \times 2^2$

$4 \times 4 + 16 = 4^2 + 4^2$



Tia is thinking of 3 prime numbers.
When she adds them together, the answer is 20.

What are the prime numbers she is thinking of?

Order the fractions from the biggest to the smallest.

$\frac{5}{6}$
 $\frac{1}{3}$
 $1\frac{2}{3}$

$\frac{5}{12}$
 $\frac{11}{9}$
 $\frac{3}{6}$

A turtle takes 20 minutes to travel a metre.

How far does it travel in one minute?

cm

Look at the shape below and fill in the blanks.

Name of the shape is _____

It has _____ faces.

It has _____ edges.

It has _____ vertices.

Complete the table.

	Rounded to the nearest 10	Rounded to the nearest 1,000	Rounded to the nearest 100,000
125,465			
523,981			
410,753			

What is 11,999 more than 110,999?

The numbers should match the words on the card.
Circle the card which have been written incorrectly.

74,385

Seventy- four thousand, three hundred and eighty-five

402,720

four hundred and twenty-seven thousand and twenty



Tia is thinking of 3 prime numbers.
When she adds them together, the answer is 20.

What are the prime numbers she is thinking of?

2

7

11

Another option is 2, 5 and 13.

Order the fractions from the biggest to the smallest.

$\frac{5}{6}$
 $\frac{1}{3}$
 $1\frac{2}{3}$

$\frac{5}{12}$
 $\frac{11}{9}$
 $\frac{3}{6}$

$1\frac{2}{3}$
 $\frac{11}{9}$
 $\frac{5}{6}$
 $\frac{3}{6}$
 $\frac{5}{12}$
 $\frac{1}{3}$

A turtle takes 20 minutes to travel a metre.

How far does it travel in one minute?

5 cm

Look at the shape below and fill in the blanks.

Name of the shape is Pentagonal prism

It has 7 faces.

It has 15 edges.

It has 10 vertices.

Complete the table.

	Rounded to the nearest 10	Rounded to the nearest 1,000	Rounded to the nearest 100,000
125,465	125,470	125,000	100,000
523,981	523,980	524,000	500,000
410,753	410,750	411,000	400,000

What is 11,999 more than 110,999?

122,998

	1	1	0	,	9	9	9
	+	1	1	,	9	9	9
	1	2	2	,	9	9	8
					1	1	1

The numbers should match the words on the card.
Circle the card which have been written incorrectly.

74,385

Seventy- four thousand, three hundred and eighty-five

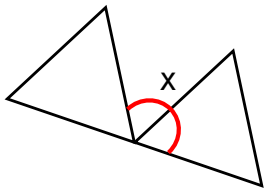
402,720

four hundred and twenty-seven thousand and twenty



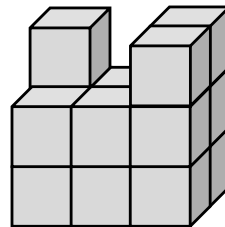
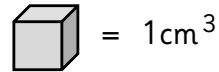
Here is a shape made up of two regular triangles.

Find the missing angle.



$x = \quad^\circ$

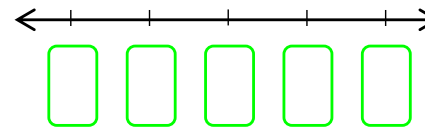
Calculate the volume of the shape by counting the cubes.



_____ cm^3

Put the numbers in order on the number line.

$\frac{5}{4}$ $\frac{1}{2}$ $\frac{5}{6}$ $2\frac{3}{4}$ $\frac{4}{6}$



Circle the greater volume.

3 pints or 2,000 ml

5.5 pints or 5,500 ml

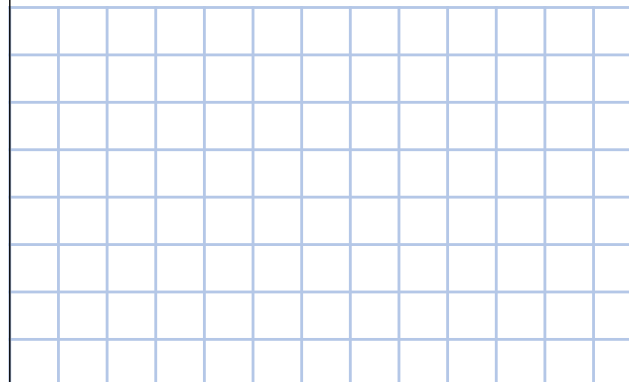
2.4 pints or 1 l

6 pints or $2\frac{3}{4}$ l

Complete the sorting table by adding two different numbers in each section.

	Prime number	Composite number
less than 10		
not less than 10		

What is 15,555 less than 55,000?



Complete the sequences.

3.45, 3.35, 3.25, _____, _____

12.126, 12.226, _____, _____

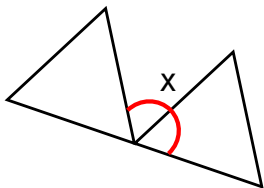
1.001, 1.011, 1.021 _____, _____

7.26, 7.27, 7.28, _____, _____



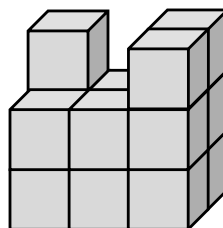
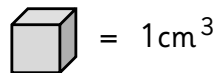
Here is a shape made up of two regular triangles.

Find the missing angle.



$x = 120^\circ$

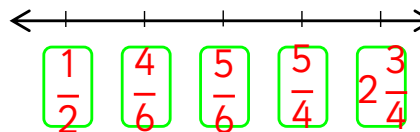
Calculate the volume of the shape by counting the cubes.



15 cm³

Put the numbers in order on the number line.

$\frac{5}{4}$ $\frac{1}{2}$ $\frac{5}{6}$ $2\frac{3}{4}$ $\frac{4}{6}$



Circle the greater volume.

3 pints or 2,000 ml

5.5 pints or 5,500 ml

2.4 pints or 1 l

6 pints or $2\frac{3}{4}$ l

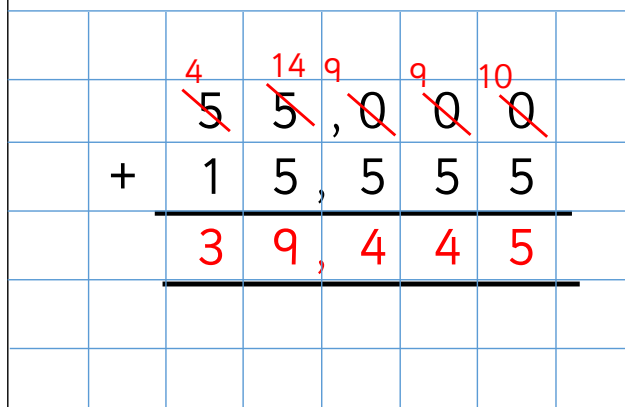
Complete the sorting table by adding two different numbers in each section.

E.g.

	Prime number	Composite number
less than 10	2, 3	6, 8
not less than 10	11, 17	15, 20

What is 15,555 less than 55,000?

39,445



Complete the sequences.

3.45, 3.35, 3.25, 3.15 , 3.05

12.126, 12.226, 12.326 , 12.426

1.001, 1.011, 1.021 1.031 , 1.041

7.26, 7.27, 7.28, 7.29 , 7.30



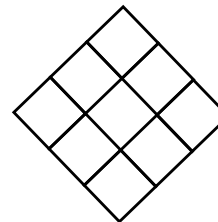
Using a protractor draw an angle of 190° .



Roses cost £8
Tulips cost £6
Lilies cost £4

I spend £22. Give three different combinations of flowers I could have bought.

The shape below is made of nine identical squares.

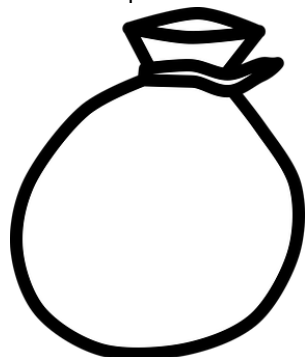


If the perimeter of the shape is 36 m, find its area.

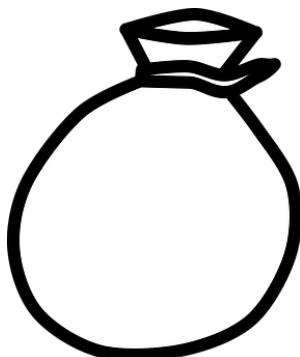
What is the smallest whole number, when rounded to the nearest 100 gives the answer 500?

Fill the bags with numbers between 5 and 15. Place them in the correct bag.

Composite numbers



Prime numbers



Complete the calculation.

	3	3	,	0	3	3	
	<hr/>						
	2	2	,	0	0	3	
	<hr/>						

Put the digit cards on the right place to make the statements correct.

$$\frac{1}{4} < \frac{\square}{12}$$

$$\frac{5}{6} > \frac{\square}{2}$$

$$\frac{\square}{15} = \frac{2}{5}$$

1

5

6

